

Author Index

- Al-Zubaidy, S.S. (Basrah, Iraq)
Evaluation of spent bleaching and filtering clay — a bentonite product from palm oil refining as a potential feed ingredient in layer diets 13
- Ali-Ali, *see* Kayouli, C. et al.
- Åman, P., *see* Löwgren, W. et al.
- Ayangbile, O.A., Tallam, S.K. and Surtan, M.S. (Njoro, Kenya)
Processing of slaughterhouse blood and poultry litter and the effects on nutrient digestibility by steers 153
- Beauchemin, K.A. (Lethbridge, Alta., Canada)
Effects of ingestive and ruminative mastication on digestion of forage by cattle 41
- Betty, R.G., *see* Fredrickson, E.L. et al.
- Blümmel, M. and Ørskov, E.R. (Aberdeen, UK)
Comparison of in vitro gas production and nylon bag degradability of roughages in predicting feed intake in cattle 109
- Bowles, J.E., *see* Donald, G.E. et al.
- Brosh, A., Holzer, Z., Levy, D. and Aharoni, Y. (Haifa, Israel)
The effect of maize grain supplementation of diets based on wheat straw and poultry litter on their utilization by beef cattle 165
- Burke, G.L., *see* Donald, G.E. et al.
- Cheema, A.U., *see* Frederickson, E.L. et al.
- Chin, D.T.F., *see* Ridzwan, B.H. et al.
- Coates, W.E., *see* Glenn, E.P. et al.
- Cole, D.J.A., *see* Thorne, P.J. et al.
- Cone, J.W. and Engels, F.M. (Wageningen, Netherlands)
The influence of ageing on cell wall composition and degradability of three maize genotypes 331
- Dardillat, C., *see* Kayouli, C. et al.
- Darko, C.A., *see* Kabuga, J.D. and Darko, C.A.
- Demeyer, D.I., *see* Kayouli, C. et al.
- Donald, G.E., Langlands, J.P., Bowles, J.E., Smith, A.J. and Burke, G.L. (Armidale, N.S.W., Australia)
Selenium supplements for grazing sheep. 3. Development of an intra-ruminal pellet with an extended life 295
- Engels, F.M., *see* Cone, J.W. and Engels, F.M.
- Fadzli, M.K., *see* Ridzwan, B.H. et al.
- Faridnordin, B.I., *see* Ridzwan, B.H. et al.
- Forbes, W.A., *see* Neutze, S.A. et al.
- Frederickson, E.L., Galyean, M.L., Betty, R.G. and Cheema, A.U. (Las Cruces, NM, USA)
Effects of four cereal grains on intake and ruminal digestion of harvested forage by beef steers 93
- Galyean, M.L., *see* Fredrickson, E.L. et al.
- Glenn, E.P., Coates, W.E., Riley, J.J., Kuehl, R.O. and Swingle, R.S. (Tucson, AZ, USA)
Salicornia bigelovii Torr.: a seawater-irrigated forage for goats 21

- Goto, M., Yokoe, Y., Nisikawa, S., Morita, O. (Tsu, Japan) and Takabe, K. (Kyoto, Japan)
Effects of gaseous ammonia on chemical and structural features of cell walls in spring barley straw 207
- Graham, H., *see* Löwgren, W. et al.
- Halliday, L.J., *see* Murphy, S.R. et al.
- Holzer, Z., *see* Brosh, A. et al.
- Hoshino, S., *see* Kobayashi, Y. et al.
- Hughes, S.G., *see* Rumsey, G.L. et al.
- Ibrahim, B.M., *see* Ridzwan, B.H. et al.
- Ichhponani, J.S., *see* Wadhwa, M. et al.
- Jouany, J.P., *see* Kayouli, C. et al.
- Kabuga, J.D. and Darko, C.A. (Kumasi, Ghana)
In sacco degradation of dry matter and nitrogen in oven dried and fresh tropical grasses and some relationships to in vitro dry matter digestibility 191
- Kayouli, C., Ali-Ali, Taoueb, H. (Tunis, Tunisia), Jouany, J.P., Dardillat, C. (Saint-Genès Champanelle, France) and Demeyer, D.I. (Melle, Belgium)
Comparative studies on the degradation and mean retention time of solid and liquid phases in the forestomachs of dromedaries and sheep fed on low-quality roughages from Tunisia 343
- Khalili, H., *see* Varvikko, T. and Khalili, H.
- Kiesling, H.E., *see* Malcolm, K.J. and Kiesling, H.E.
- Kill, D.R. and Savage, T.F. (Corvallis, OR, USA)
Reproductive performance of dwarf breeder pullets fed yellow peas (*Pisum sativum* L. var. 'Miranda') 87
- Kobayashi, Y., Wakita, M. and Hoshino, S. (Tsu, Japan)
Influence of urea feeding duration on nitrogen metabolism of rumen bacteria and their host sheep 177
- Kuehl, R.O., *see* Glenn, E.P. et al.
- Langlands, J.P., *see* Donald, G.E. et al.
- Levy, D., *see* Brosh, A. et al.
- Löwgren, W., Åman, P. (Uppsala, Sweden) and Graham, H. (Marlborough, UK)
In vivo apparent digestibility and in vitro solubilization—the influence of pig live weight and diet 223
- Machin, D.H., *see* Thorne, P.J. et al.
- MacLeod, J.A., *see* Murphy, S.R. et al.
- Makkar, G.S., *see* Wadhwa, M. et al.
- Malcolm, K.J. (Clayton, NM, USA) and Kiesling, H.E. (Las Cruces NM, USA)
Dry matter disappearance and gelatinization of grains as influenced by processing and conditioning 321
- Mayaka, B.T., *see* Tegua, A. et al.
- McNiven, M.A., *see* Murphy, S.R. et al.
- Meeske, R., Pienaar, J.P. (Irene, South Africa) and Meissner, H.H. (Pretoria, South Africa)
The upgrading of wheat straw by alkaline hydrogen peroxide treatment: The effect of NaOH and H₂O₂ on the site and extent of digestion in sheep 121
- Meissner, H.H., *see* Meeske, R. et al.
- Michalet-Doreau, B. and Ould-Bah, M.Y. (St. Genès Champanelle, France)
In vitro and in sacco methods for the estimation of dietary nitrogen degradability in the rumen: a review 57

- Morita, O., *see* Goto, M. et al.
- Murphy, S.R., McNiven, M.A., MacLeod, J.A. and Halliday, L.J. (Charlottetown, P.E.I., Canada)
 Grass and lupin silage in rations for beef steers supplemented with barley or potatoes ... 273
- Neutze, S.A., Smith, R.L. and Forbes, W.A. (Camden, N.S.W., Australia)
 Application of an inhibitor in vitro method for estimating rumen degradability of feed protein 251
- Nisikawa, S., *see* Goto, M. et al.
- Ørskov, E.R., *see* Blümmel, M. and Ørskov, E.R.
- Ould-Bah, M.Y., *see* Michalet-Doreau, B. and Ould-Bah, M.Y.
- Pienaar, J.P., *see* Meeske, R. et al.
- Rathbone, S., *see* Stockdale, C.R. and Rathbone, S.
- Ridzwan, B.H., Fadzli, M.K., Rozali, M.B.O., Chin, D.T.F., Ibrahim, B.M. and Faridnordin, B.I. (Kota Kinabalu, Malaysia)
 Evaluation of cocoa-pod husks on performance of rabbits 267
- Riley, J.J., *see* Glenn, E.P. et al.
- Rozali, M.B.O., *see* Ridzwan, B.H. et al.
- Rumsey, G.L., Hughes, S.G. and Winfree, R.A. (Cortland, NY, USA)
 Chemical and nutritional evaluation of soya protein preparations as primary nitrogen sources for rainbow trout (*Oncorhynchus mykiss*) 135
- Savage, T.F., *see* Kill, D.R. and Savage, T.F.
- Smith, A.J., *see* Donald, G.E. et al.
- Smith, R.L., *see* Neutze, S.A. et al.
- Stockdale, C.R. (Kyabram, Vic., Australia) and Rathbone, S. (Bundoora, Vic., Australia)
 Comparisons of methods for estimating in vivo digestibility of feedstuffs in dairy cattle 1
- Surtan, M.S., *see* Ayangbile, O.A. et al.
- Swingle, R.S., *see* Glenn, E.P. et al.
- Takabe, K., *see* Goto, M. et al.
- Tallam, S.K., *see* Ayangbile, O.A. et al.
- Tankou, C.M., *see* Tegua, A. et al.
- Taoueb, H., *see* Kayouli, C. et al.
- Tchoumboue, J., *see* Tegua, A. et al.
- Tegua, A., Tchoumboue, J., Mayaka, B.T. and Tankou, C.M. (Dschang, Cameroon)
 The growth of broiler chickens as affected by the replacement of graded levels of maize by sweet potato leaves (*Ipomoea batatas*) or Ndole (*Vernonia spp.*) in the finisher diet 233
- Thorne, P.J., Wiseman, J., Cole, D.J.A. (Loughborough, UK) and Machin, D.H. (Chatham Maritime, UK)
 Effects of level of inclusion of copra meal in balanced diets supplemented with synthetic amino acids on growth and fat deposition and composition in growing pigs fed ad libitum at a constant temperature of 25°C 31
- Tsen, H.Y., *see* Yu, B. and Tsen, H.Y.
- Varvikko, T. and Khalili, H. (Addis Ababa, Ethiopia)
 Wilted tagasaste (*Chamaecytisus palmensis*) forage as a replacement for a concentrate supplement for lactating crossbred Friesian × Zebu (Boran) dairy cows fed low-quality native hay 239
- Wadhwa, M., Makkar, G.S. and Ichhponani, J.S. (Ludhiana, India)
 Disappearance of protein supplements and their fractions in sacco 285

Wakita, M., *see* Kobayashi, Y. et al.

Winfrey, R.A., *see* Rumsey, G.L. et al.

Wiseman, J., *see* Thorne, P.J. et al.

Yokoe, Y., *see* Goto, M. et al.

Yu, B. and Tsen, H.Y. (Taichung, Taiwan)

An in vitro assessment of several enzymes for the supplementation of rabbit diets 309